

Next Generation Luminaires Design Competition



Next
Generation
LUMINAIRES

Competition Partners

Partnerships to link energy efficiency & lighting quality

INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS

IALD



Illuminating
ENGINEERING SOCIETY

U.S. DEPARTMENT OF
ENERGY

Energy Efficiency &
Renewable Energy

BUILDING TECHNOLOGIES OFFICE

What NGL Is All About

- Inclusive rather than exclusive
- Performance evaluation with extensive documentation
 - More time and resources than most designers can afford
- Judged in characteristic applications and “hands on”
- Diverse, professional judging panel



We've Seen Lots of Products

	2013	All
Judged	167	726
Awards	59	257
% of judged awarded	35%	35%

240 Intents received for 2014 Indoor Competition, Judging in August

How NGL Works

Judging is the Key

- Approach
- Criteria
- Installations
- Evaluations
- Selecting Winners



Approach

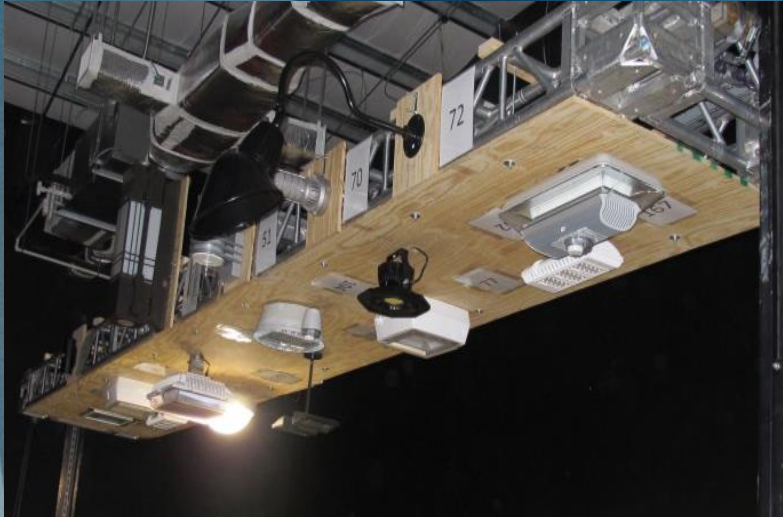
- Organized by application
- Product Evaluation
 - Installed and lighted
 - Table top (2nd fixture)
 - Documentation
- Process
 - Independent judgment
 - *Preliminary* scoring
 - Discussion and decision
 - Post judging analysis & verification



Seeing is Believing



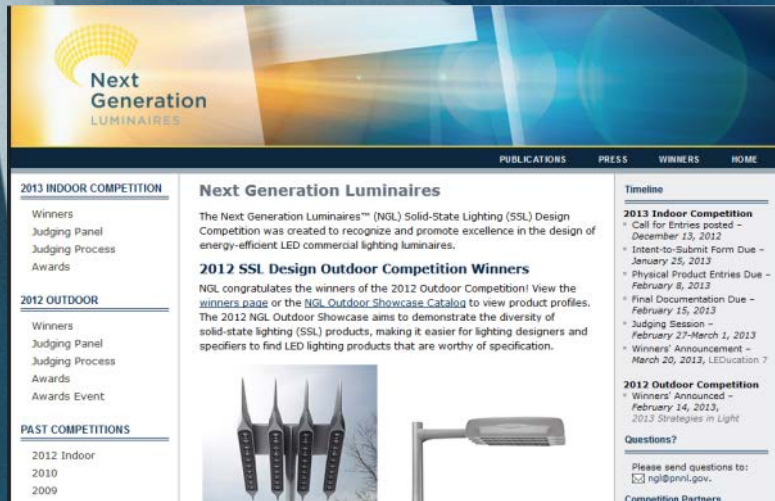
Outdoor Judging Setup



Indoor Judging Setup



Using NGL Materials



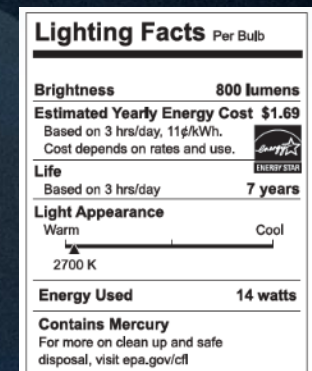
Notes from
the judges
are key.

www.ngldc.org



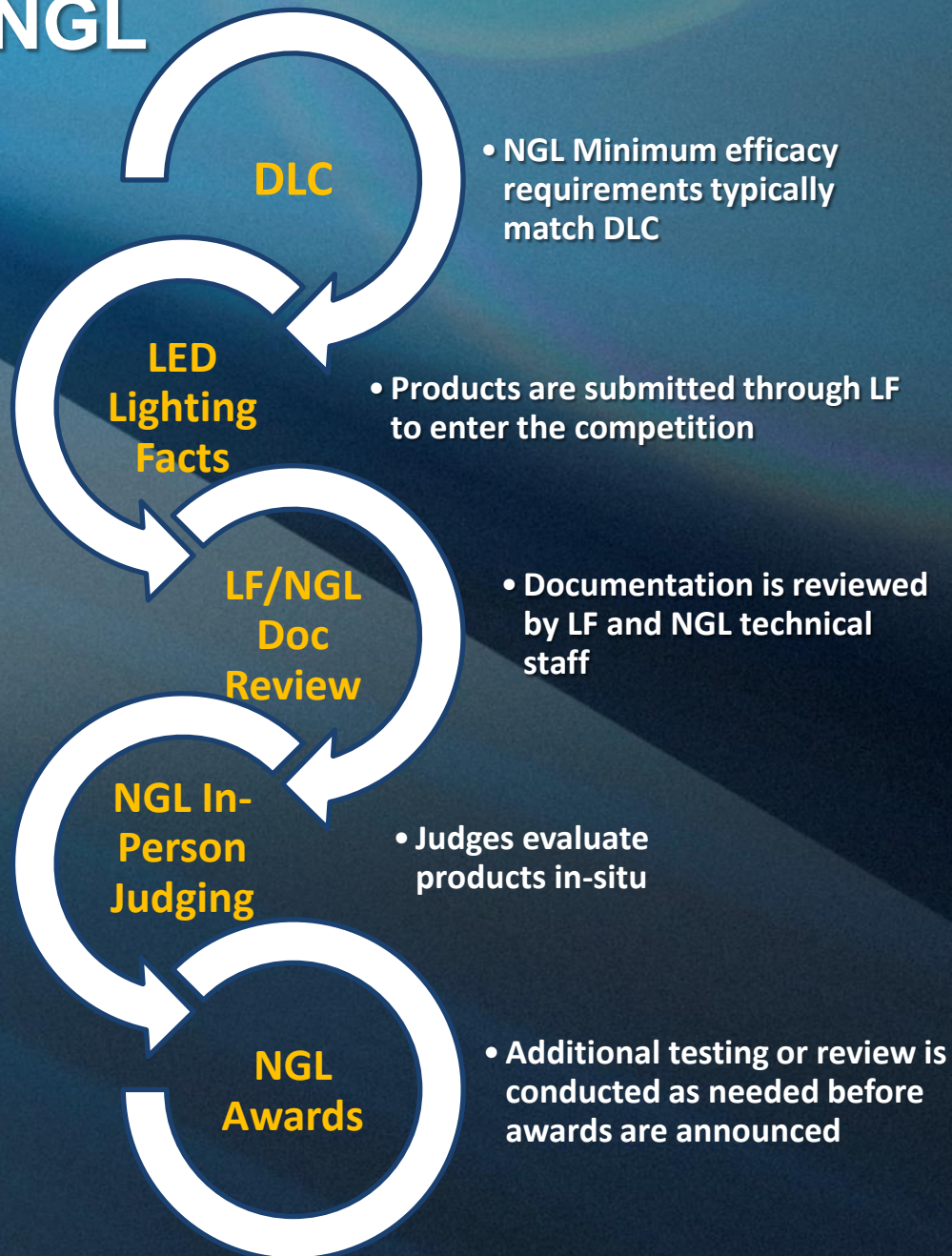
Understanding the Listings

- ENERGY STAR®
- Design Lights Consortium (DLC)
- LED Lighting Facts
- Federal Trade Commission (FTC)



	ENERGY STAR List	DLC QP List	LED Lighting Facts List/Label	FTC Label
	CLF & LED	Only LED	Only LED	All types
Focus	Residential	Commercial	Both	Residential
	Lamps/Limited Res. Luminaires	Luminaires	Both	Medium Lamps
Minimum Requirements	YES	Yes	No	No
Voluntary	Yes	Yes	Yes	No
Family Groupings	Yes/ limited	Yes	Yes	N/A
Current Primary Use	Utility Incentives	Utility Incentives	Performance Verification	Consumer Education
Funding	EPA	Utility Groups/Applica tion fees	DOE	N/A
Verification	Yes	Yes	Yes	All self reported, no verification

Listings and NGL



The Future of NGL

- **2014 Emerging Categories**
 - OLED luminaires
 - Color tunable white light
 - Material integrated products – LED systems integrated into furniture or architectural/structural elements



**Next
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LUMINAIRES

Thanks!

Questions?